

Record 5

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RECORDING SHEET AND RECORDED MATTER

ASAHI GLASS CO LTD

Inventor(s):TANUMA TOSHIHIRO

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Abstract: PROBLEM TO BE SOLVED: To prevent fading when preserved after printing by incorporating a compound having 2,2,6,6- tetramethylpiperidine ring and a molecular weight of specific numeric value or below and a thiocyanate in a porous ink receiving layer.

SOLUTION: As a method for containing a hindered amine of a compound having 2,2,6,6- tetramethylpiperidine ring and a molecular weight of 1, 000 or below, and a thiocyanate in a porous ink receiving layer, a method for giving by a method for dipping in a hindered amine and thiocyanate solution, a spraying method or the like or previously mixing the both is used. As contents of the amine and the thiocyanate, with a weight of the porous ink receiving layer as a reference, about 0.1 to 5 wt.% is best. As a total content of the amine and the thiocyanate, with a weight of the porous ink receiving layer as a reference, about 0.1 to 1 wt.% is best.

Int'l Class: B41M00500; B41J00201